

## Abstract Of The Disclosure

In an air-operated plural component dispensing hand gun, including a sliding mixing and dispensing element that forms, with a pair of component inlet blocks, the valves  
5 controlling the mixing and dispensing of the plural component materials, the substantial friction imposed by metal seal elements that provide valve seals may be overcome by two serially connected pistons that operate along a common axis within two separate axially arranged cylinder portions to effect valve control of and mixing and dispensing of the plural component materials.